



Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

### DATA SHEET

#### Three-phase induction motor - Squirrel cage rotor

Customer :  
 Product line : W22 Oil Well Pumping : High Slip - NEMA Design "D" - TEFC (IP55)

Frame : 213/5T  
 Output : 5 HP  
 Frequency : 60 Hz  
 Poles : 6  
 Full load speed : 1060 rpm  
 Slip : 11.67 %  
 Voltage : 208-230/460 V  
 Rated current : 17.3-15.5/7.73 A  
 Locked rotor current : 95.9/47.9 A  
 Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 6.2  
 No-load current : 8.36/4.18 A  
 Full load torque : 24.4 lb.ft  
 Locked rotor torque : 380 %  
 Breakdown torque : 0 %  
 Design : D  
 Insulation class : F  
 Temperature rise : 80 K  
 Locked rotor time : 25 s (hot)  
 Service factor : 1.15  
 Duty cycle : S1  
 Ambient temperature : -20°C - +40°C  
 Altitude : 1000 m  
 Degree of Protection : IP55  
 Approximate weight : 170 lb  
 Moment of inertia : 1.1632 sq.ft.lb  
 Noise level : 55 dB(A)

	D.E.	N.D.E.
Bearings	6308 ZZ	6207 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.78	77.0
75%	0.70	78.5
50%	0.58	77.0

Notes:  
 Downloaded from <http://dealerselectric.com>  
 Generated for Model #00512ES3EOW215T-W22

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